

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052423\
 Data File : VW031214.D
 Acq On : 24 May 2023 14:47
 Operator : SY/MD
 Sample : 02865-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX71

Quant Time: May 25 01:14:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 25 01:11:46 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

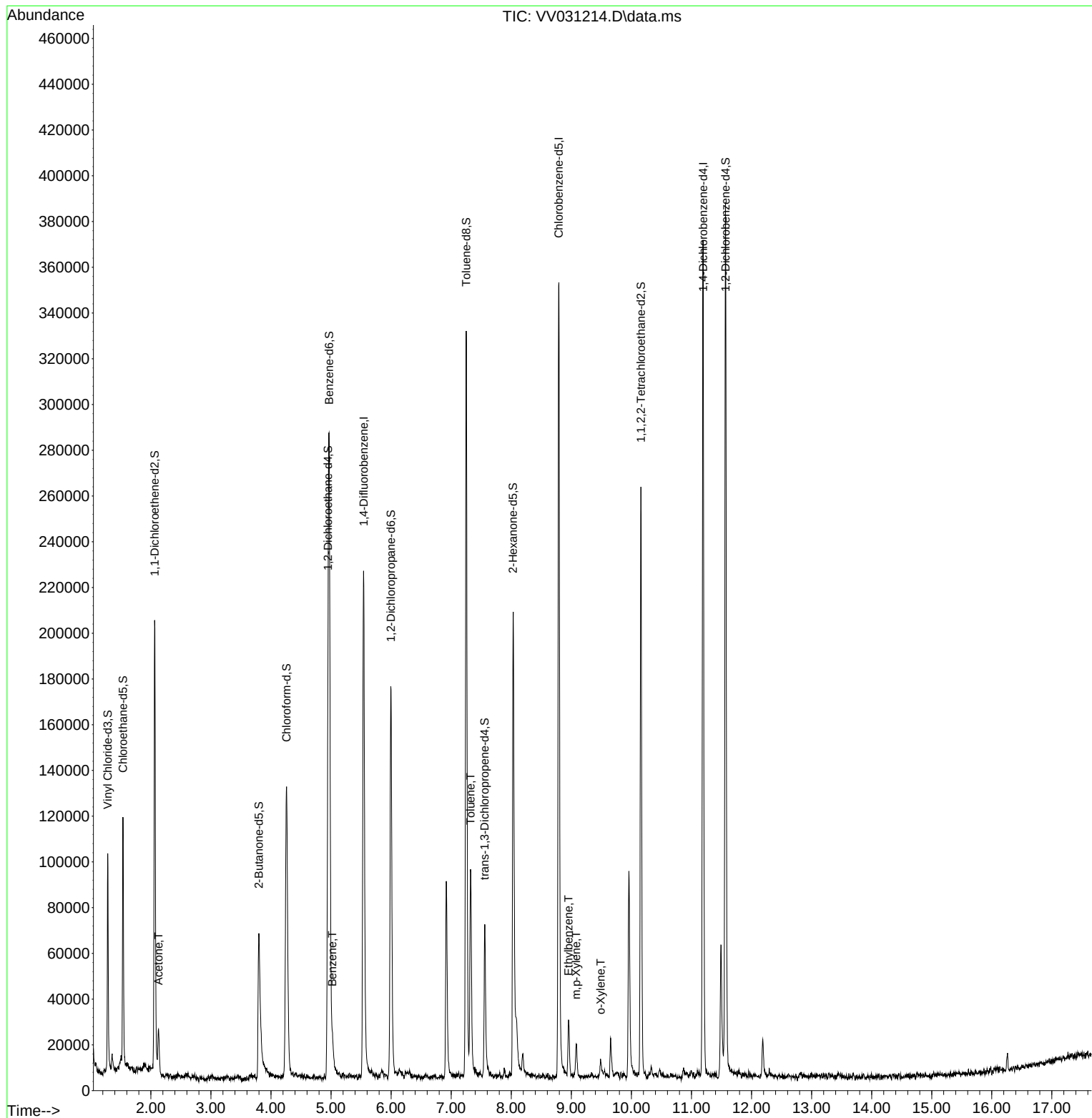
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	182893	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	181355	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	95367	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	62515	39.996	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.000%
7) Chloroethane-d5	1.535	69	61717	51.255	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.500%
11) 1,1-Dichloroethene-d2	2.063	65	32395	44.197	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.400%
21) 2-Butanone-d5	3.799	46	104049	124.929	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.930%
24) Chloroform-d	4.259	84	126749	45.838	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.680%
26) 1,2-Dichloroethane-d4	4.950	65	96709	51.757	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.520%
32) Benzene-d6	4.969	84	224293	45.622	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.240%
36) 1,2-Dichloropropane-d6	5.995	67	67503	45.888	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.780%
41) Toluene-d8	7.249	98	201238	43.856	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.720%
43) trans-1,3-Dichloroprop...	7.558	79	34357	46.552	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.100%
47) 2-Hexanone-d5	8.030	63	61975	108.055	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.060%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	105668	47.893	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.780%
66) 1,2-Dichlorobenzene-d4	11.567	152	92908	54.214	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.420%
Target Compounds						
					Qvalue	
13) Acetone	2.127	43	19747	18.238	ug/L	98
33) Benzene	5.021	78	12161	2.799	ug/L	100
42) Toluene	7.323	91	61526	13.089	ug/L	98
52) Ethylbenzene	8.953	91	16052	2.983	ug/L	98
53) m,p-Xylene	9.082	106	4182	2.003	ug/L	88
54) o-Xylene	9.487	106	2034	0.988	ug/L	90

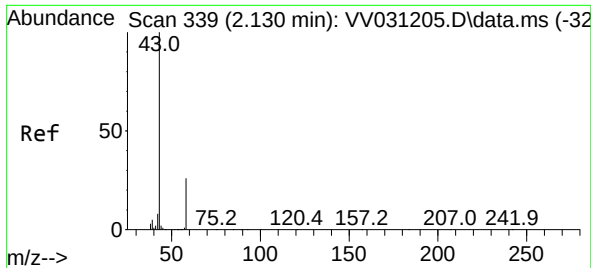
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu May 25 01:11:46 2023
Response via : Initial Calibration





#13

Acetone

Concen: 18.238 ug/L

RT: 2.127 min Scan# 31

Delta R.T. -0.003 min

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Acq: 24 May 2023 14:47

Instrument :

MSVOA_V

ClientSampleId :

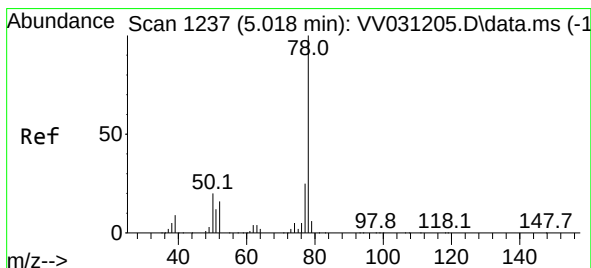
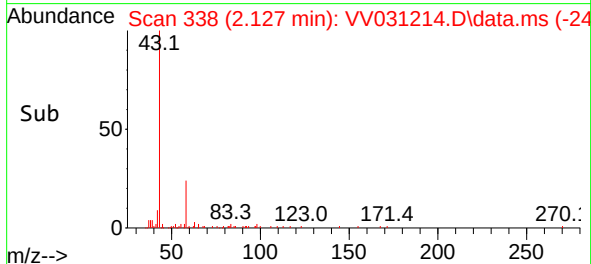
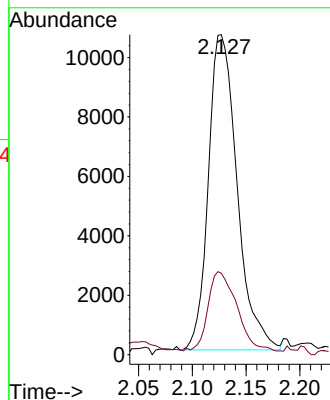
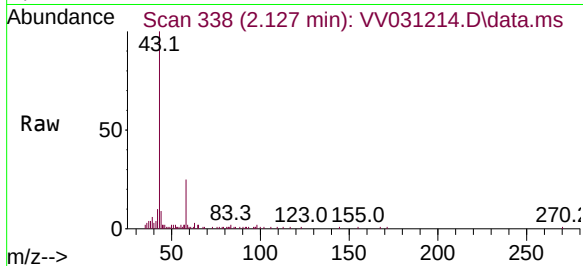
GBX71

Tgt Ion: 43 Resp: 19747

Ion Ratio Lower Upper

43 100

58 25.8 0.0 54.0



#33

Benzene

Concen: 2.799 ug/L

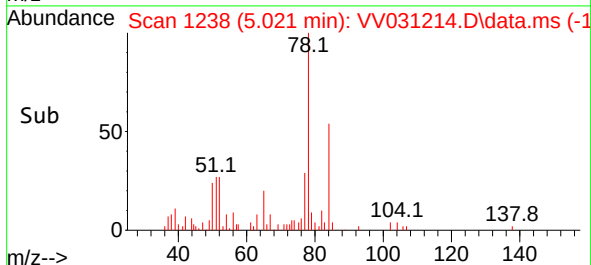
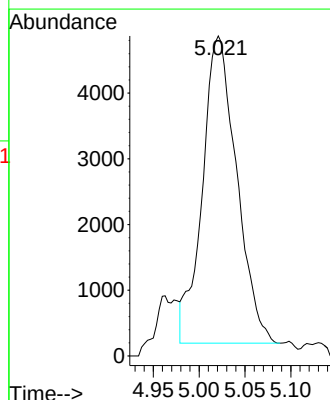
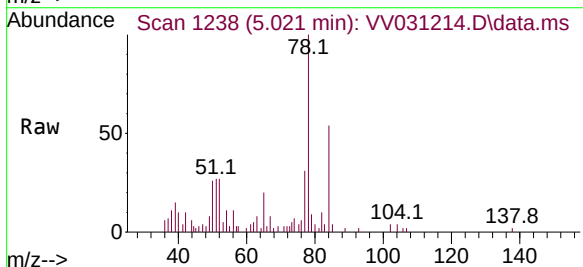
RT: 5.021 min Scan# 1238

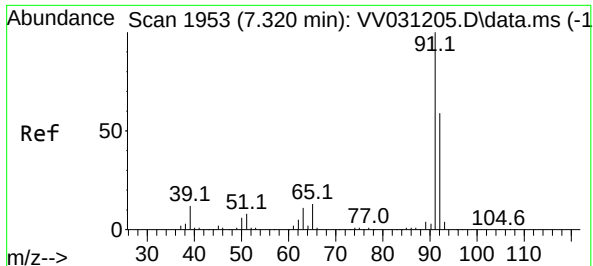
Delta R.T. 0.003 min

Lab File: VV031214.D

Acq: 24 May 2023 14:47

Tgt Ion: 78 Resp: 12161





#42

Toluene

Concen: 13.089 ug/L

RT: 7.323 min Scan# 1953

Delta R.T. 0.003 min

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Acq: 24 May 2023 14:47

Instrument :

MSVOA_V

ClientSampleId :

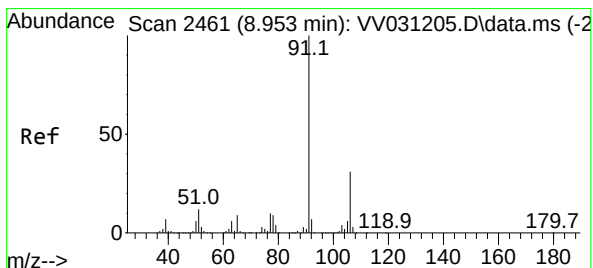
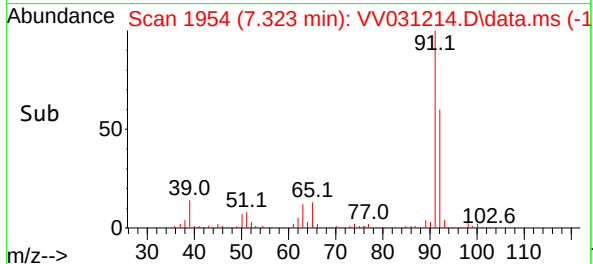
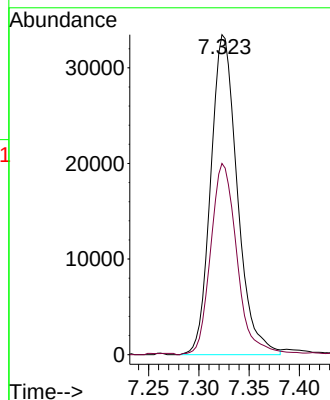
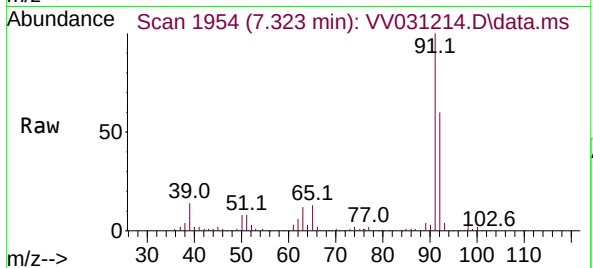
GBX71

Tgt Ion: 91 Resp: 61526

Ion Ratio Lower Upper

91 100

92 59.8 40.9 76.0



#52

Ethylbenzene

Concen: 2.983 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. -0.000 min

Lab File: VV031214.D

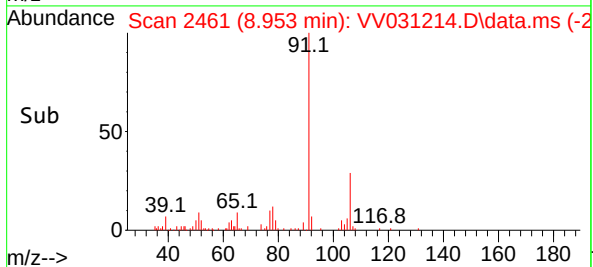
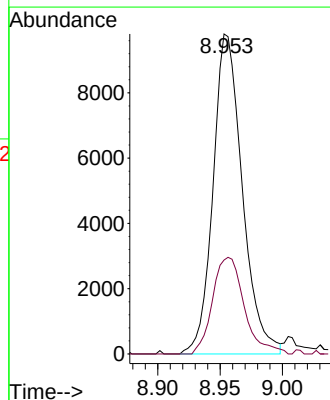
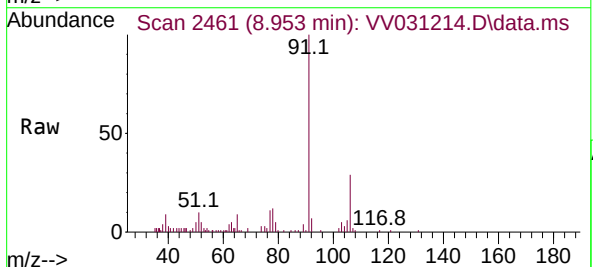
Acq: 24 May 2023 14:47

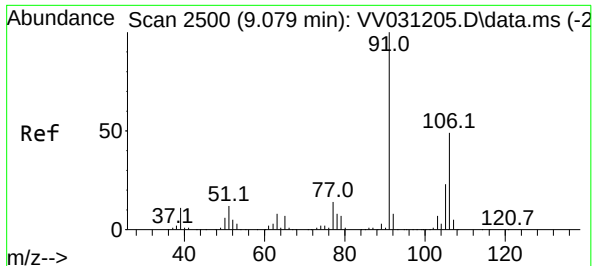
Tgt Ion: 91 Resp: 16052

Ion Ratio Lower Upper

91 100

106 29.4 21.5 39.9





#53

m,p-Xylene

Concen: 2.003 ug/L

RT: 9.082 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV031214.D

Acq: 24 May 2023 14:47

Instrument :

MSVOA_V

ClientSampleId :

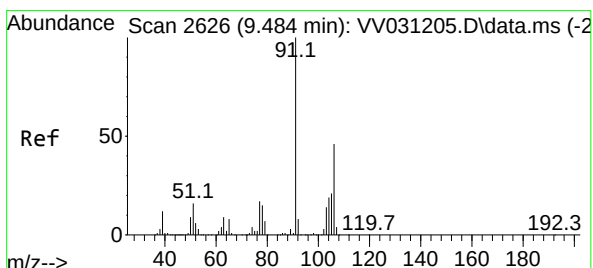
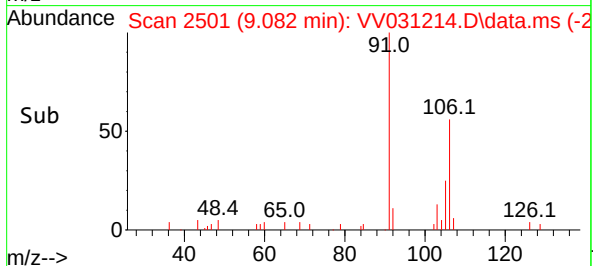
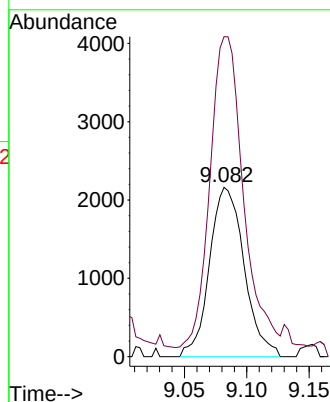
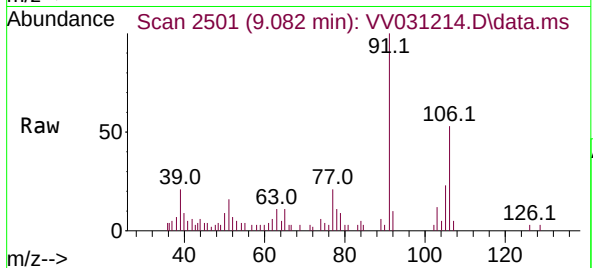
GBX71

Tgt Ion:106 Resp: 4182

Ion Ratio Lower Upper

106 100

91 189.0 145.3 269.8



#54

o-Xylene

Concen: 0.988 ug/L

RT: 9.487 min Scan# 2627

Delta R.T. 0.003 min

Lab File: VV031214.D

Acq: 24 May 2023 14:47

Tgt Ion:106 Resp: 2034

Ion Ratio Lower Upper

106 100

91 199.2 150.4 279.2

